

1.(Currently Amended) A method for operating a radio reception system that includes a plurality of receivers assigned to a common output device, in which one of the receivers is ~~always~~ designated as an audio receiver and is tuned to a frequency of a radio transmitter and outputs a signal received from the transmitter to the output device, and another of the receivers is designated as a search receiver, ~~thesaid~~ method comprising:

stepping the search receiver through its frequency band for a frequency signal value associated with the same transmitter and determining a measure of the signal strength of ~~said the~~ frequency signal value;

comparing the signal strength of the signal received by the search receiver and the signal strength of the signal received by the audio receiver;

tuning the audio receiver to ~~thesaid~~ frequency signal value if the measure of the signal strength of ~~thesaid~~ frequency signal value is better than the measure of the signal strength associated with the current signal received by the audio receiver; and

repeating ~~thesaid~~ steps of stepping, comparing and tuning.

2.(Currently Amended) The method of claim 1, wherein ~~said the~~ step of comparing includes computing the difference between the field strengths, providing a difference signal value indicative thereof, and comparing ~~thesaid~~ difference signal value to a threshold value.

3.(Currently Amended) The method of claim 2, wherein ~~said the~~ threshold value is a fixed threshold value.

4.(Currently Amended) The method of claim 3, wherein ~~said~~ the threshold value is set relative to the quality of a frequency found by the search receiver.

5.(Currently Amended) The method of claim 2, wherein ~~said~~ the step of tuning includes transmitting the frequency found by the search receiver to the audio receiver, and tuning the audio receiver to this frequency.

6.(Currently Amended) A motor vehicle radio reception system, comprising:

a first receiver that is tuned to receive a signal from a certain transmitter and provide a received signal indicative thereof and a first quality signal indicative of signal strength of ~~the~~ the received signal;

a second receiver that is automatically scanned through its associated reception range to identify a frequency signal value associated with the transmitter and provide a second quality signal indicative of signal strength of a signal associated with ~~the~~ the frequency signal value;

wherein ~~said~~ the first receiver compares ~~the~~ the first quality signal and ~~the~~ the second quality signal, and tunes to ~~the~~ the frequency signal value if ~~the~~ the second quality signal indicates a better signal quality than ~~the~~ the first quality signal.

7.(Currently Amended) The motor vehicle radio reception system of claim 6, comprising a bus to which ~~said~~ the first and second receivers are connected and over which ~~the~~ the first and second receivers communicate.

8.(Currently Amended) The motor vehicle radio reception system of claim 7, comprising an audio processing unit coupled to ~~the~~the~~said~~ first receiver to receive ~~the~~the~~said~~ received signal and provide an output signal indicative thereof.

9.(Currently Amended) The motor vehicle radio reception system of claim 8, comprising a controller that provides command signals to ~~the~~the~~said~~ first receiver and to ~~the~~the~~said~~ audio processing unit.

10.(Currently Amended) The motor vehicle radio reception system of claim 9, wherein ~~said~~ the audio processing unit includes a microprocessor.

11.(Currently Amended) The motor vehicle radio reception system of claim 9, wherein ~~said~~ the first receiver and ~~the~~the~~said~~ second receiver each include their own uniquely associated antenna.

12.(Currently Amended) The motor vehicle radio reception system of claim 7, wherein ~~said~~ the second receiver receives an identification signal over ~~the~~the~~said~~ bus indicative of the transmitter.

13.(Currently Amended) The motor vehicle radio reception system of claim 7, wherein ~~said~~ the bus comprises a MOST bus.

14.(Currently Amended) The motor vehicle radio reception system of claim 12, wherein ~~said~~ the first receiver transmits ~~said~~ the identification signal onto ~~the~~the~~said~~ bus.